



FEMA



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FEMA Region 6 Weather Threat Briefing

Thursday, May 31, 2018

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to www.weather.gov/srh.

Today

- **Some heavy rain/isolated flash flooding may be possible across N AR.**
- **Critical fire weather conditions across most of NM.**
- **A few strong to severe storms possible over N AR; damaging winds and hail are the main threats.**

Friday

- **Critical fire weather conditions across NM into the TX panhandle.**
- **Isolated storms possible over W TX in the afternoon/evening; damaging winds and hail are the main threats.**

Saturday

- **Slight risk of severe thunderstorms across NE Arkansas; damaging winds and hail are the main threats.**
- **Elevated to critical fire weather conditions possible across NM into W TX.**

Sunday - Monday

- **Continued elevated to critical fire conditions across NM and W TX.**

FEMA Region 6 Threat Matrix

May 31, 2018 – June 4, 2018



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DAY /THREAT	THU	FRI	SAT	SUN	MON
Severe Storms	N AR	WTX	NE AR		
Heavy Rain / Flash Flooding	N AR				
Fire Weather	NM	NM, TX Panhandle	W NM, WTX	NM, WTX	NM, WTX
Tropical Weather					
River Flooding					

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

**Threat levels are based on FEMA Region 6 criteria.
State or local threat level criteria may differ.*
For more details on the colors in the threat matrix refer to the last slide in this briefing.*

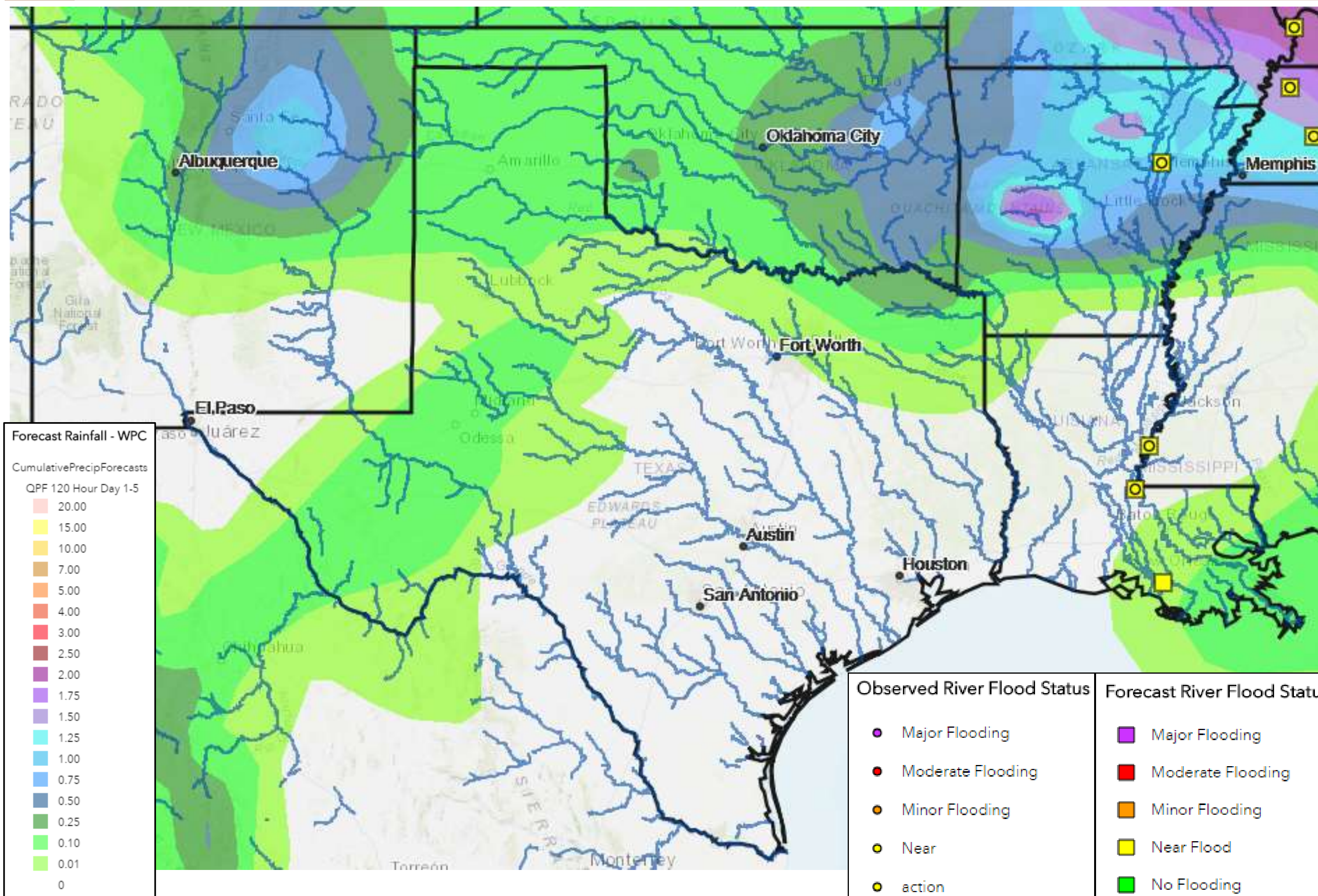
5-Day Precipitation Forecast & River Flood Status



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Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall

No river flooding is expected through the next five days.



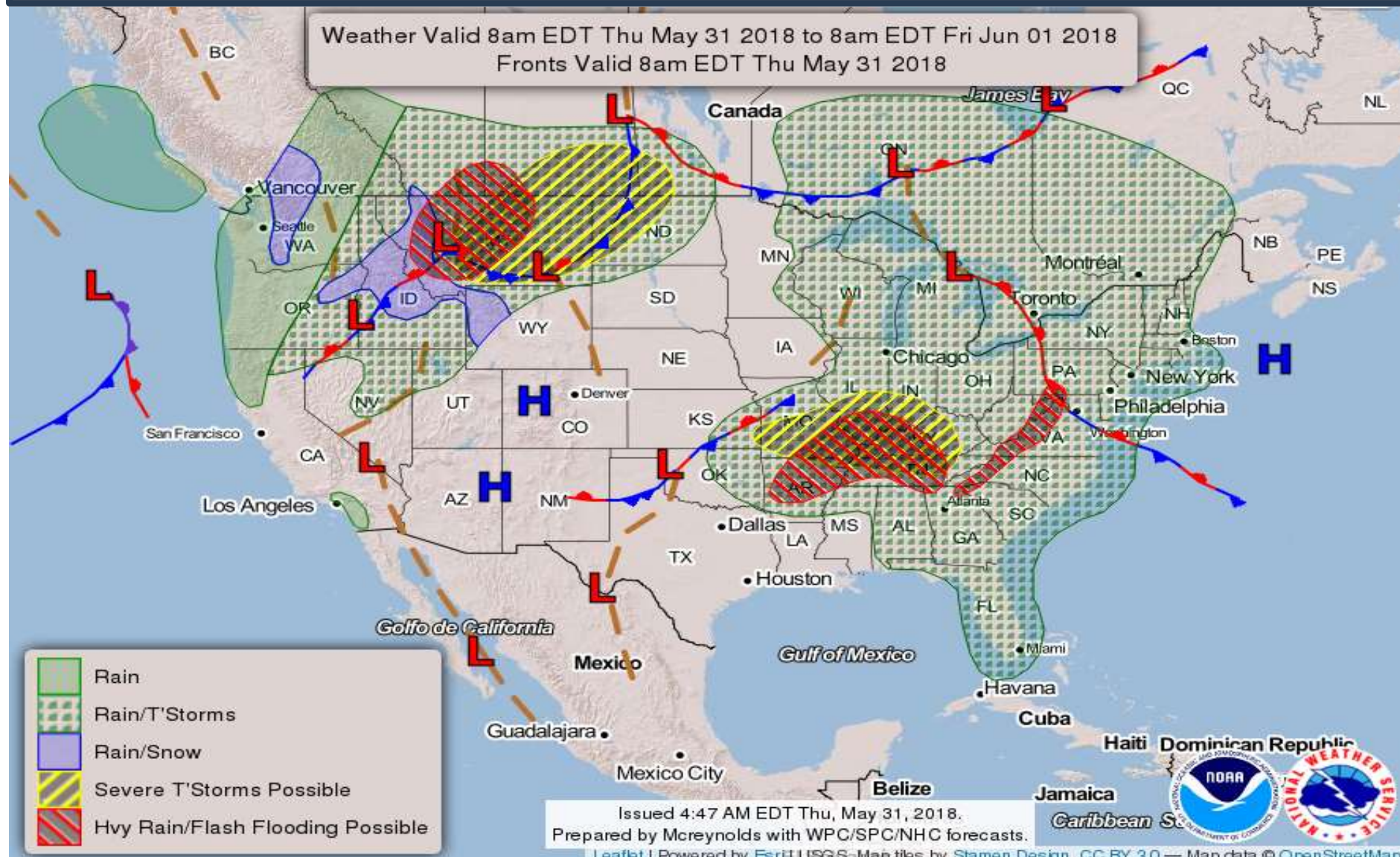
Today's Weather



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Forecast Chart



Forecast Rainfall

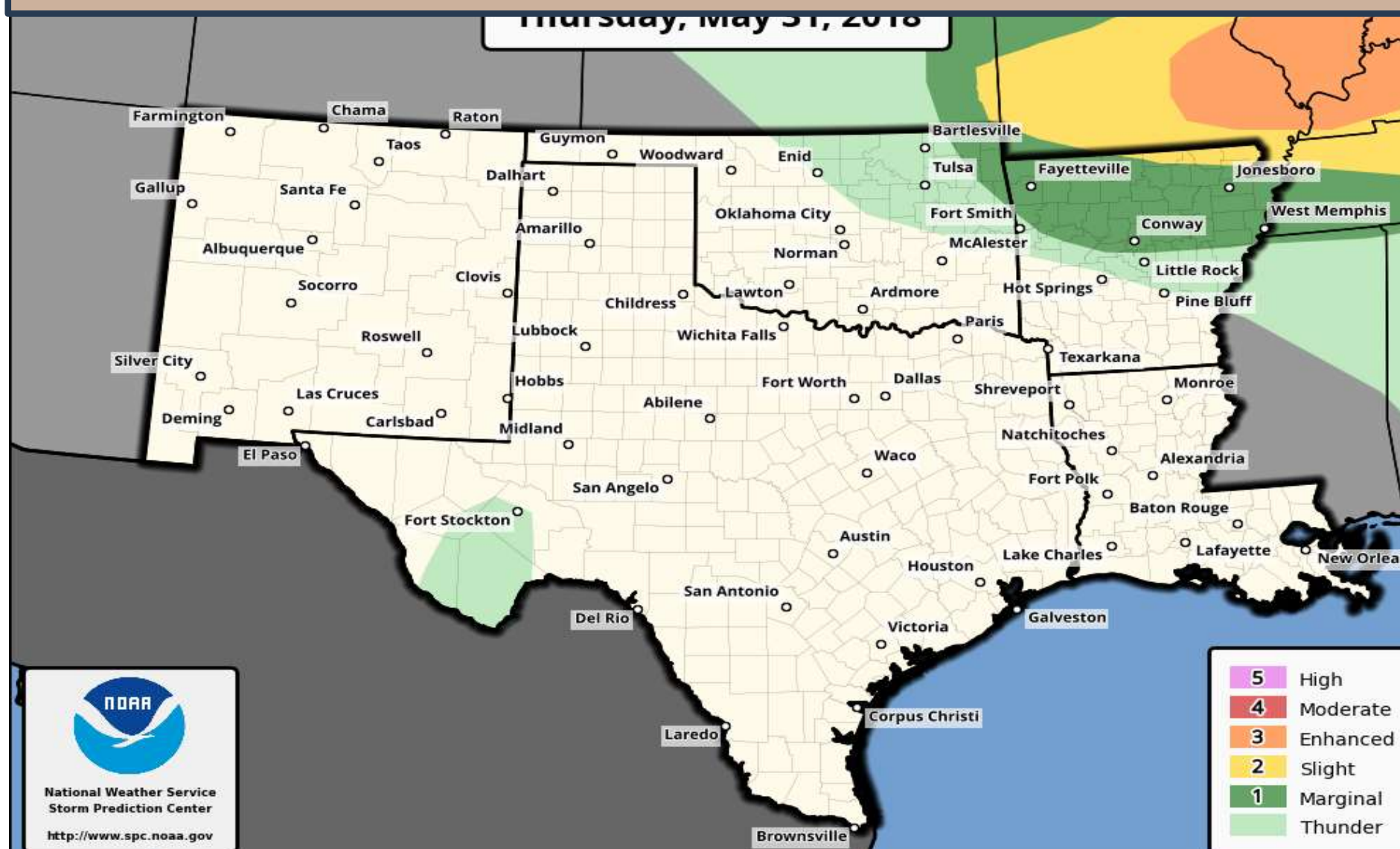


A few strong to severe storms possible over N AR; damaging winds and hail are the main threats.

Some heavy rain/isolated flash flooding may be possible across N AR.

Critical fire weather conditions across most of NM.

Severe Weather Outlook



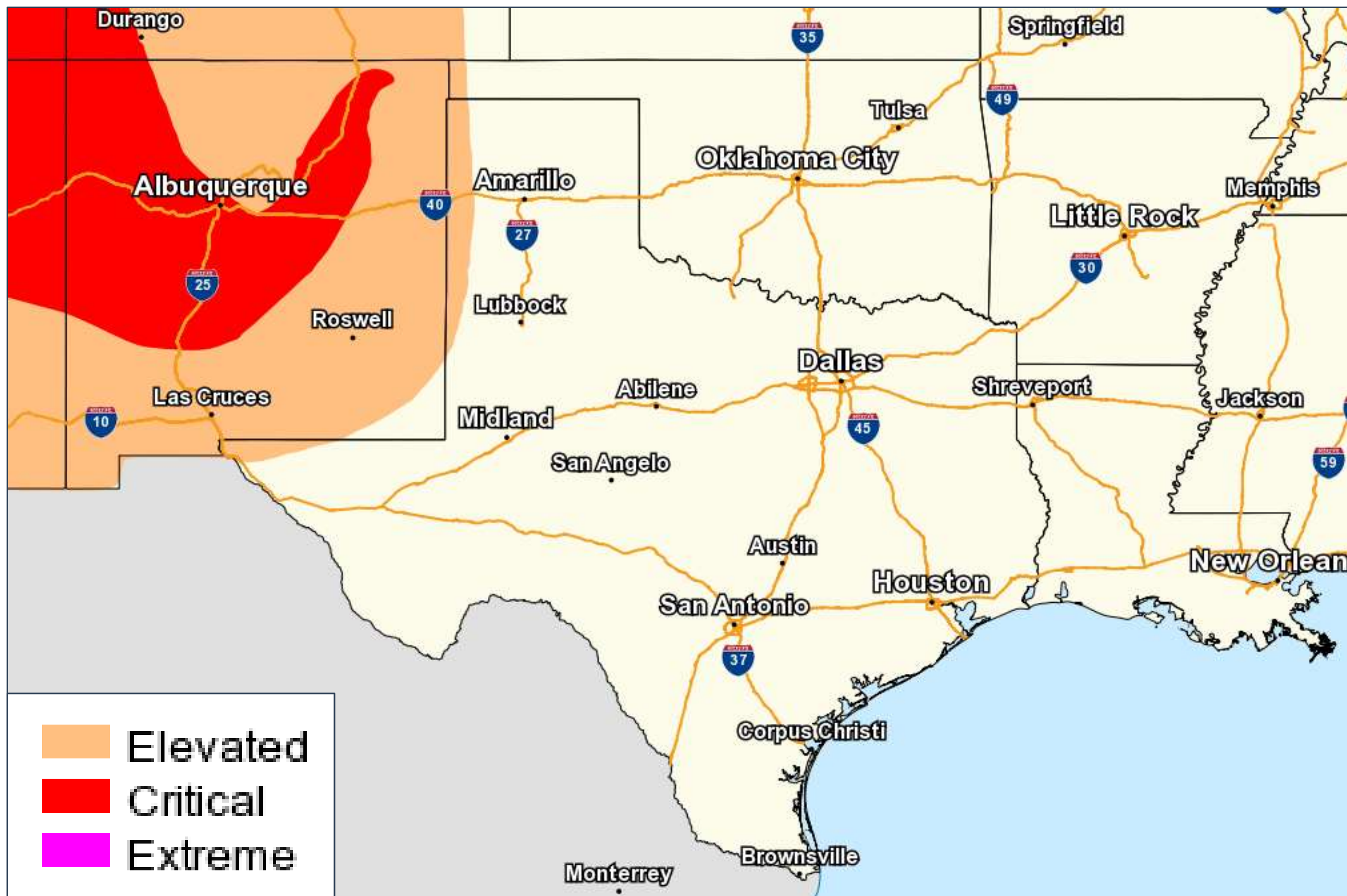
Excessive Rainfall Outlook



Today's Fire Weather Outlook



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Critical fire weather conditions across much of NM.

Tomorrow's Weather



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Forecast Chart

Forecast Rainfall

Critical fire weather conditions across NM into the TX panhandle.

Isolated storms possible over WTX in the afternoon/evening; damaging winds and hail are the main threats.

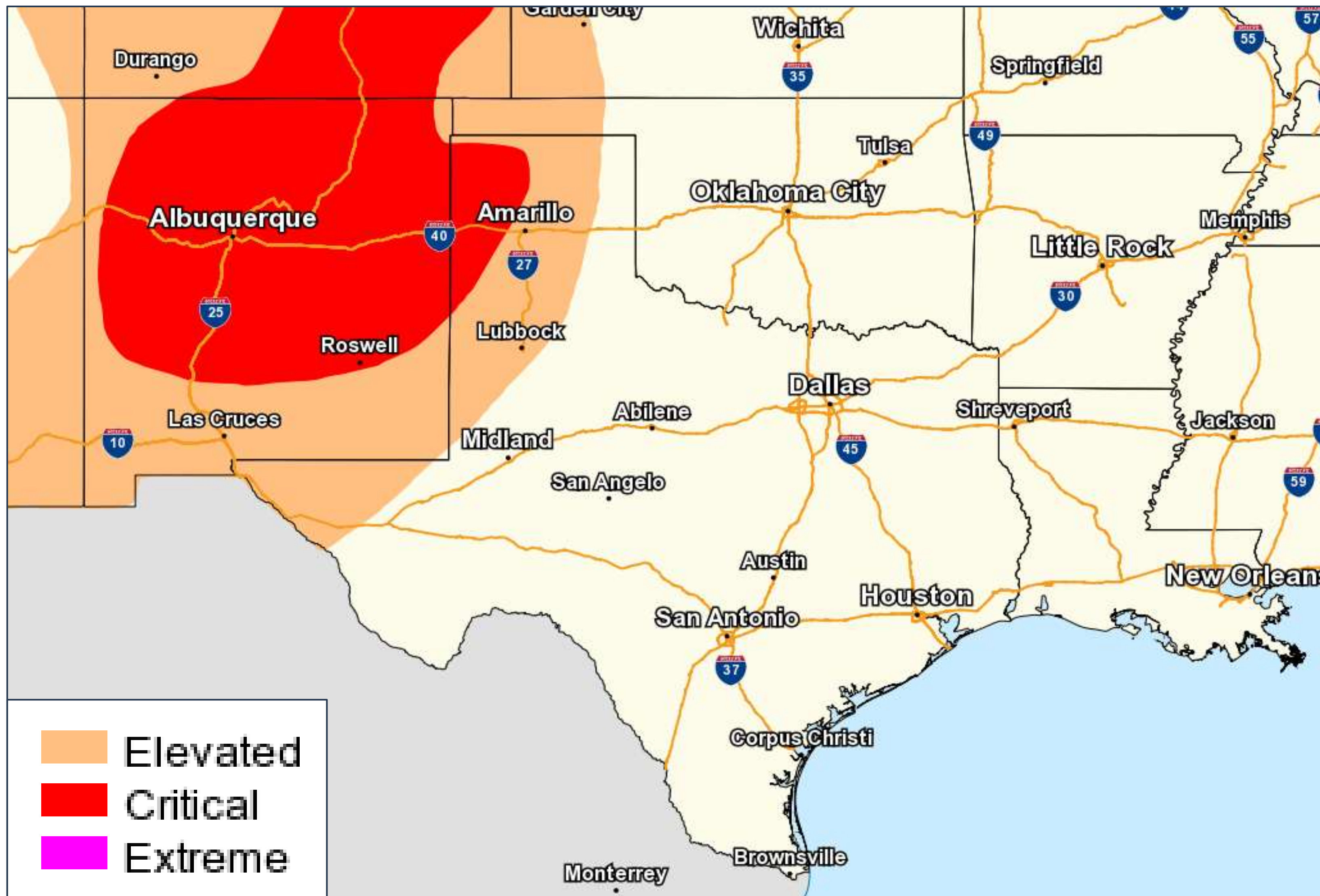
Severe Weather Outlook

Excessive Rainfall Outlook

Tomorrow's Fire Weather Outlook



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Elevated to critical fire weather conditions across NM into the TX panhandle.

Saturday's Weather



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Forecast Chart

Forecast Rainfall

Slight risk of severe thunderstorms across NE Arkansas; damaging winds and hail are the main threats.

Elevated to critical fire weather conditions possible across NM into W TX.

Severe Weather Outlook

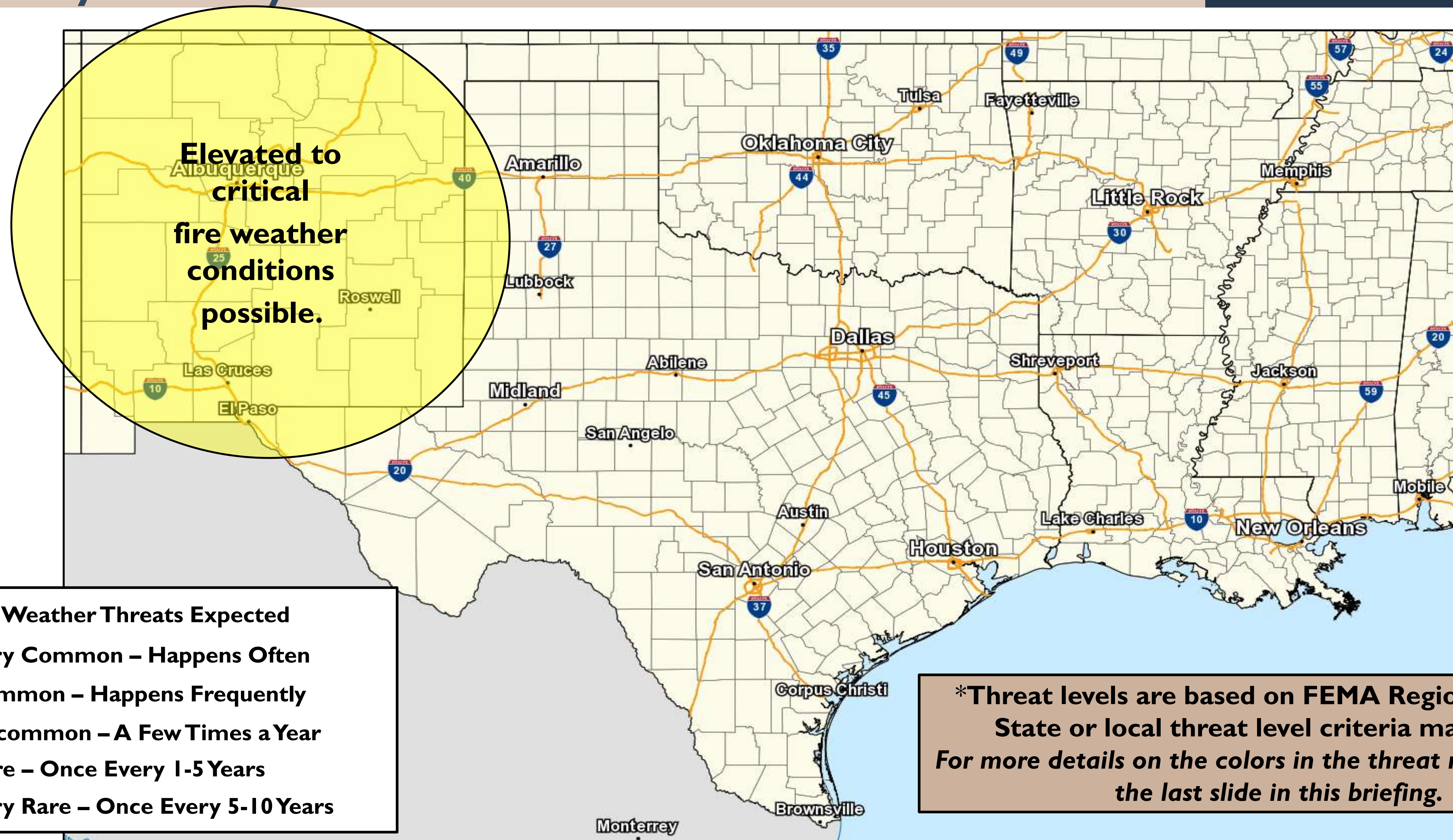
Excessive Rainfall Outlook

Days 4-5 Weather Hazards

Sunday - Monday



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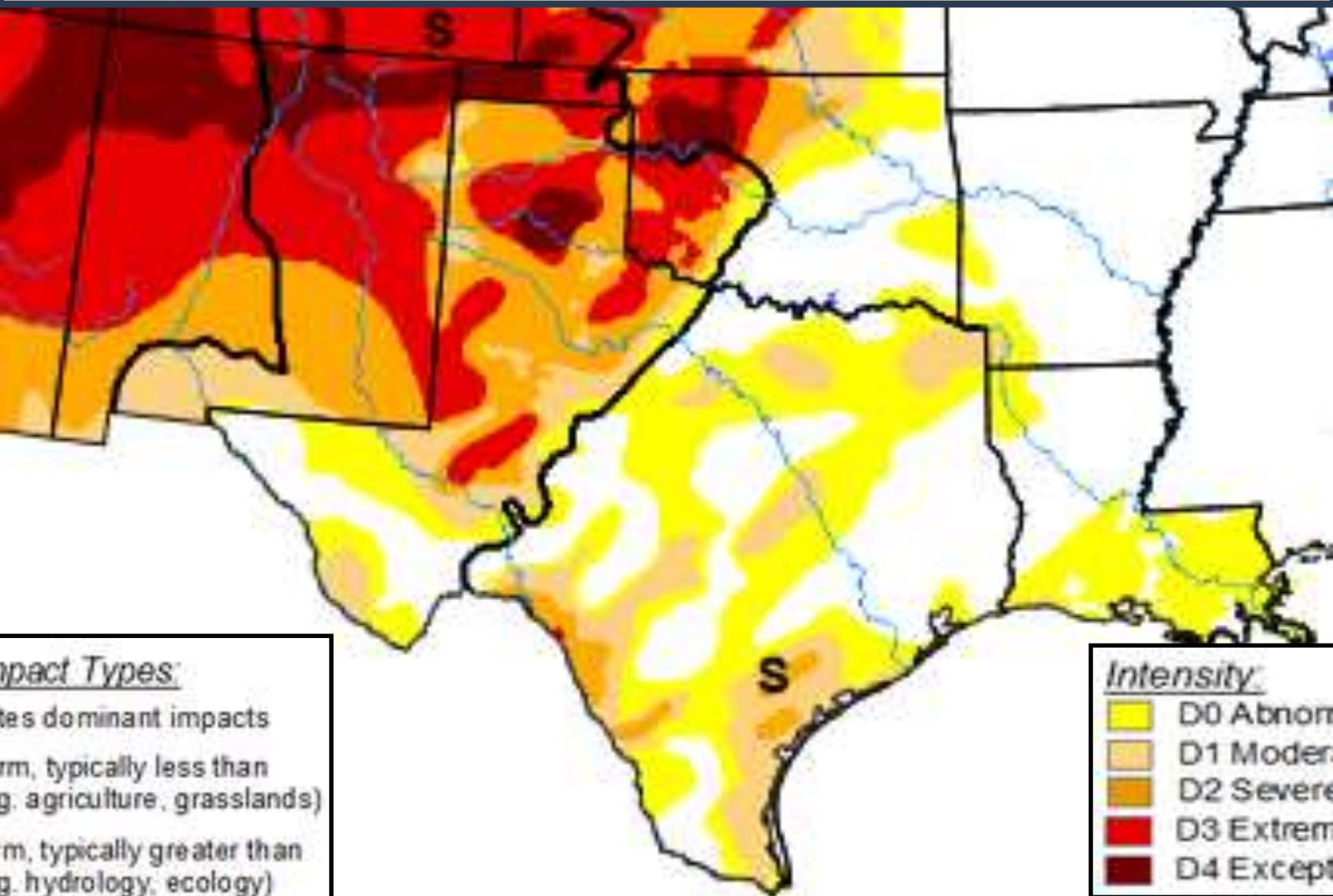
Drought Monitor (Released May 31st, 2018)



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Data valid as of 7am CDT, Tuesday, May 29th, 2018

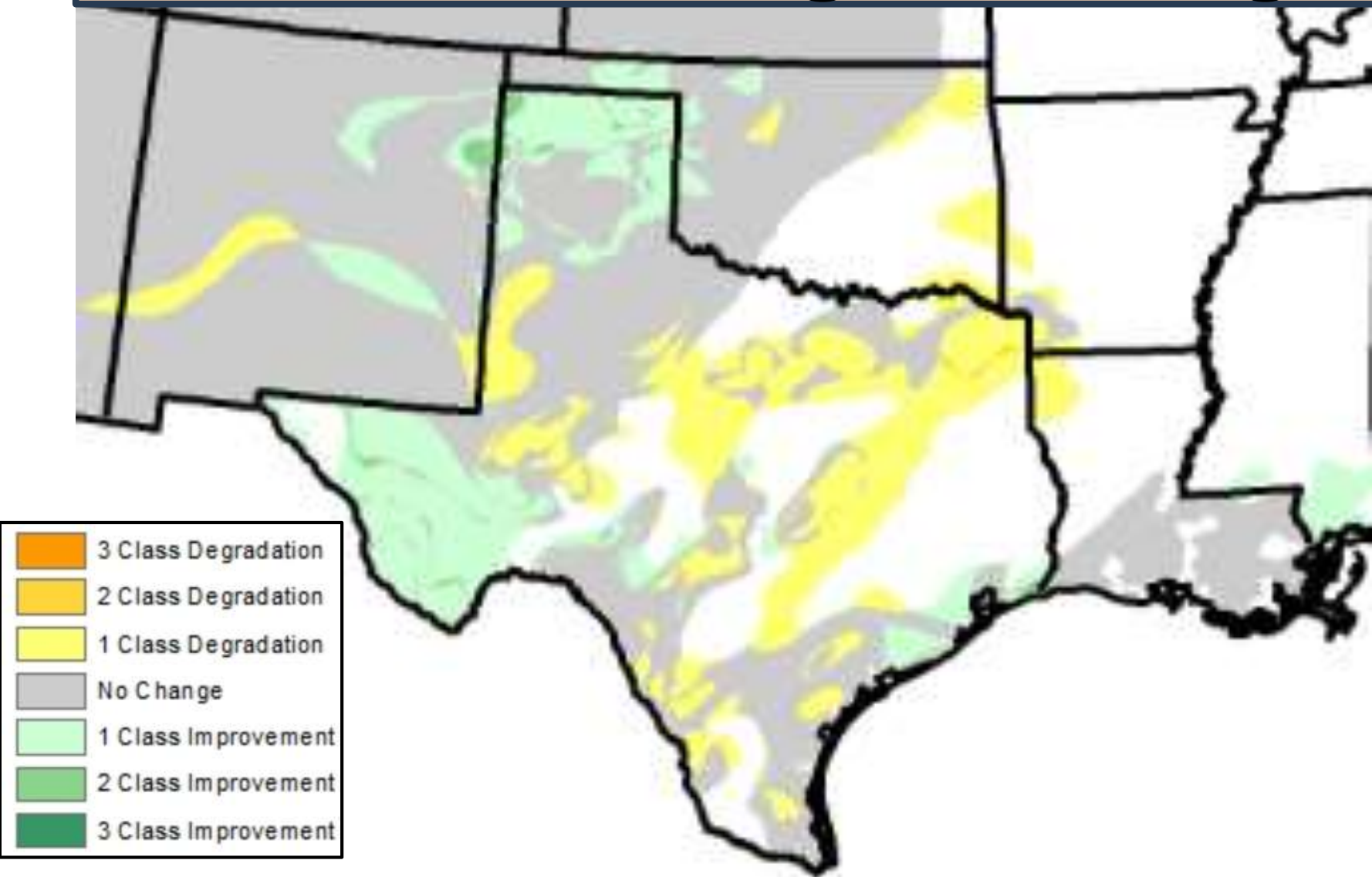
Drought Monitor



Drought Impact Types:
~ Delineates dominant impacts
S = Short-Term, typically less than 6 months (e.g. agriculture, grasslands)
L = Long-Term, typically greater than 6 months (e.g. hydrology, ecology)

Intensity:
D0 Abnormally Dry
D1 Moderate Drought
D2 Severe Drought
D3 Extreme Drought
D4 Exceptional Drought

One Week Change in Drought



3 Class Degradation
2 Class Degradation
1 Class Degradation
No Change
1 Class Improvement
2 Class Improvement
3 Class Improvement

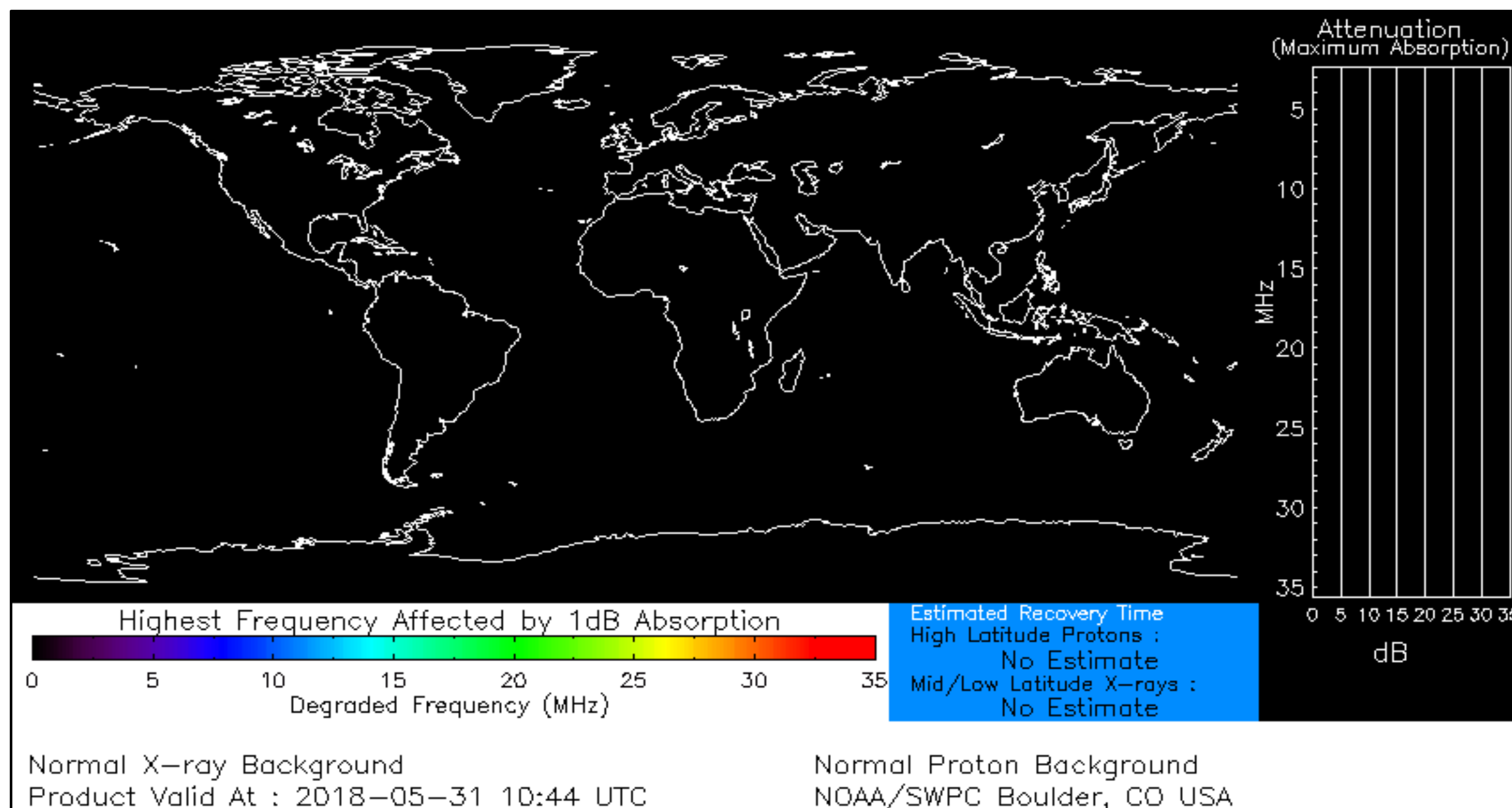
Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)				
State	Current	Last Week	3 Months Ago	1 Year Ago
Arkansas	0.00%	0.00%	0.00%	0.00%
Louisiana	0.00%	0.00%	0.00%	0.00%
Oklahoma	29.71%	31.09%	32.91%	0.00%
Texas	7.82%	9.20%	11.47%	0.00%
New Mexico	62.86%	63.26%	5.23%	0.00%

Space Weather 3-Day Forecast



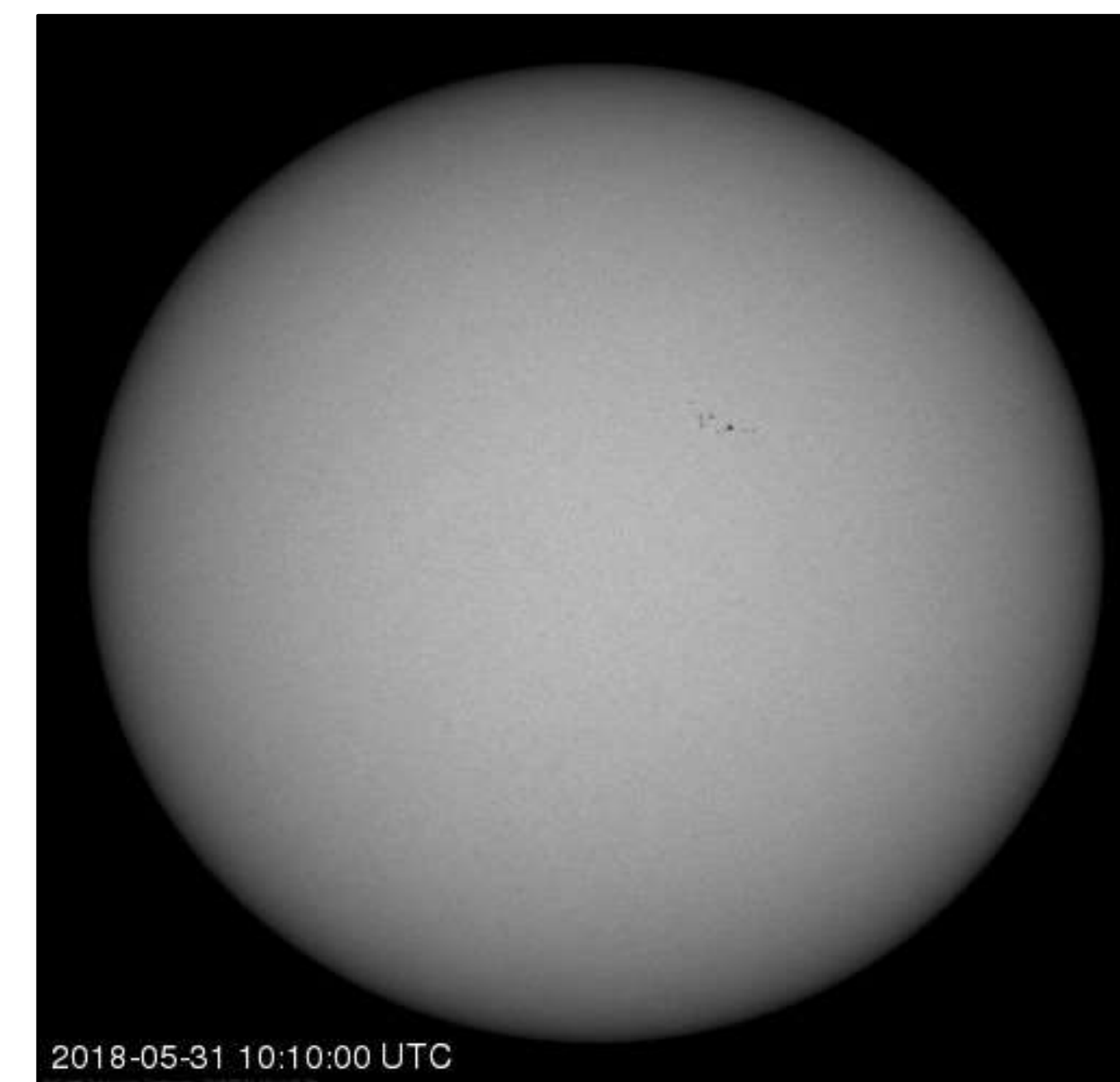
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	Thursday	Friday	Saturday
Geomagnetic Storms	Quiet (Max Kp = 2)	Minor (G1) Storm (Max Kp = 5)	Unsettled to Active (Max Kp = 4)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)





For more information, please contact:

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E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov